

We claim:

Sub A1

1. A server comprising:
an interface to a data network;
an interface to a resource providing a service; and
means for receiving from a client application, coupled to the data network,
an object-oriented, language independent request for access to the resource.

2. The server of claim 1 further comprising
a resource administrator for tracking availability of the resource.

3. The server of claim 1 wherein the request includes a parameter
needed by the resource, and wherein the interface to the resource includes means
for passing the parameter to the resource.

4. The server of claim 1 wherein the resource is a text-to-speech
server, and wherein the means for receiving an object-oriented, language
independent request from the client application includes means for receiving a
request for access to the text-to-speech server.

5. The server of claim 1 wherein the resource is a speech recognition
device, and wherein the means for receiving an object-oriented, language
independent request from the client application includes means for receiving a
request for access to the speech recognition device.

6. The server of claim 1 wherein the resource is a speaker verification
device, and wherein the means for receiving an object-oriented, language
independent request from the client application includes means for receiving a
request for access to the speaker verification device.

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7. The server of claim 1 wherein the resource is an interactive voice response device, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the interactive voice response device.

8. The server of claim 1 wherein the resource is a facsimile device, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the facsimile device.

9. The server of claim 1 further comprising an interface to a telecommunications network, and wherein the resource provides a telephony service in the telecommunications network.

10. The server of claim 9 wherein the resource is a call router, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the call router.

11. The server of claim 9 wherein the resource is a signaling system server, and wherein the means for receiving an object-oriented, language independent request from the client application includes means for receiving a request for access to the signaling system server.

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Sub A2
12.

A method for providing remote services by a server, coupled to a resource, comprising:

receiving from a client application an object-oriented, language-independent request for access to the resource;

5 decoding the request to determine a parameter needed by the resource; and
passing the parameter to the resource.

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